



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

STEPHEN J. MILLER ET AL.

Serial No.: 10/643,555

Filed: August 18, 2003

For: MIXED MATRIX MEMBRANE
WITH SUPER WATER WASHED
SILICA CONTAINING
MOLECULAR SIEVES AND
METHODS FOR MAKING AND
USING THE SAME

GROUP ART UNIT:

EXAMINER:

P.O. Box 6006
San Ramon, CA 94583-0806

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

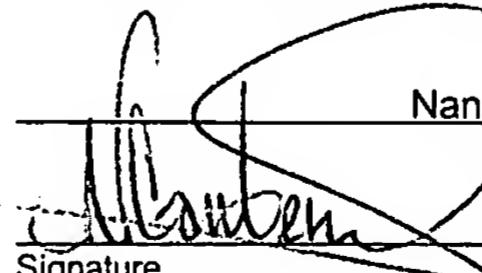
Sir:

This Information Disclosure Statement is submitted pursuant to
37 CFR §§ 1.56, 1.98 and 1.97, particularly 1.97(c). The documents listed on
the attached Forms PTO/SB/08A and PTO/SB/08B are brought to the
Examiner's attention. Copies of these documents are enclosed.

I hereby certify that I have a reasonable basis for believing that this
correspondence will be deposited with the United States Postal
Service as first class mail in an envelope addressed to:
Commissioner for Patents,

P. O. Box 1450, Alexandria, VA 22313-1450, on February 26, 2004

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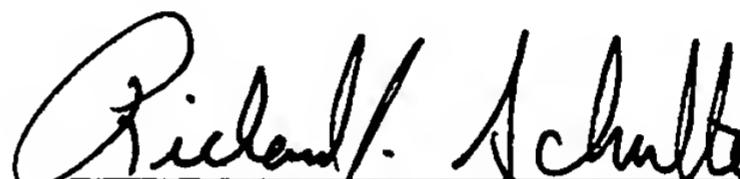
February 26, 2004

Date

Information Disclosure Statement
USSN 10/643,555
Page 2

In the event a first Office Action on the merits has been mailed by the Patent Office before receipt by the Patent Office of this Information Disclosure Statement, the Patent Office is authorized to charge the fee under 37 CFR §§ 1.17(p) and 1.97(c)(2) for this Information Disclosure Statement to Deposit Account No. 03-1620. A duplicate copy of this paper is enclosed for deposit account use, if needed.

Respectfully submitted,



Richard J. Schulte
Attorney for Applicants
Reg. No. 35,350
(925) 842-1476

RJSchulte:ncc
Enclosures

February 26, 2004

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet

1

of

2

Complete if Known

Application Number	10/643,555
Filing Date	August 18, 2003
First Named Inventor	STEPHEN J. MILLER
Art Unit	
Examiner Name	

Attorney Docket Number

T-6282

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
AA	US- 3,567,632		03-02-1971	Richter et al.	
AB	US- 4,230,463		10-28-1980	Henis et al.	
AC	US- 4,544,538		10-01-1985	Zones	
AD	US- 4,728,345		03-01-1988	Murphy	
AE	US- 4,925,459		05-15-1990	Rojey et al.	
AF	US- 5,085,676		02-04-1992	Ekiner et al.	
AG	US- 5,104,532		04-14-1992	Thompson et al.	
AH	US- 5,127,925		07-07-1992	Kulprathipanja et al.	
AI	US- 5,234,471		08-10-1993	Weinberg	
AJ	US- 5,288,304		02-22-1994	Koros et al.	
AK	US- 6,508,860 B1		01-21-2003	Kulkarni et al.	
AL	US- 2003/0069449 A1		04-10-2003	Zones et al.	
	US-				

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				
BA						
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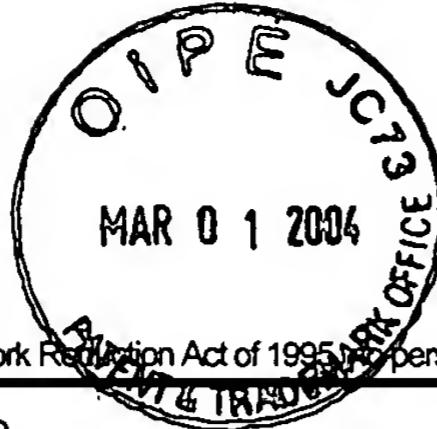
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PTO/SB/08b(08-03)

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2 of 2

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Application Number	10/643,555
Filing Date	August 18, 2003
First Named Inventor	STEPHEN J. MILLER
Art Unit	
Examiner Name	

Attorney Docket Number T-6282

NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	CA	O'BRIEN, K.C., KOROS, W.J., and BARBARI, T.A., A New Technique for the Measurement of Multicomponent Gas Transport Through Polymeric Films, <i>J. Membrane Sci.</i> , 29, 229-238 (1986).	
	CB	COSTELLO, L.M. and KOROS, W.J., Temperature Dependence of Gas Sorption and Transport Properties in Polymers: Measurement and Applications, <i>Ind. Eng. Chem. Res.</i> , 31, 2708-2714 (1992).	
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